## ARTÍCULO CIENTÍFICO

## DETERMINACIÓN DE LA CAPACIDAD DE ACOGIDA POR MEDIO DE LA ZONIFICACIÓN PAISAJÍSTICA PARA EL ECUADOR CONTINENTAL

Acosta, Jorgea\*; Suango, Verónicaa; Proaño, Jorgea; Zambrano, Johannaa

<sup>a</sup>Instituto Espacial Ecuatoriano, Av. Carlos V No. Oe5-61 y Av. de la Prensa, Quito, Ecuador

## DETERMINATION OF THE CARRYING CAPACITY BY LANDSCAPE ZONING FOR THE CONTINENTAL TERRITORY OF ECUADOR

## **Abstract**

The objective of this work is to carry out an integrated analysis of the continental national territory of an organized and categorized on the basis of the current state of media physical, use and vegetation cover and built. Most of the information comes from the national system of information -SNI -, the same that includes various sources. The treatment of the information is analyzed and assessed through the use of geographic information systems, passing on information about hierarchical: geostructure, morphogenetic, landscape and geomorphological sub landscape, environment, geology, lithology, slope, relative slope, soils, capability of land use, land cover and use; resulting in a landscape zoning which includes eco regions, large landscapes, landscapes and sub landscape, which are spatially represented in thematic maps and cartographic documents. Capacity for his part expresses the relationship between the uses or activities with the territory that hosts them in order to integrate them looking for a better and balanced use of resources based on the potentials and problems that the territory has in every area of planning of the Ecuador.

Keywords: Zoning, landscape, carrying capacity.

<sup>\*</sup>Correspondencia a: Instituto Espacial Ecuatoriano, Av. Carlos V No. Oe5-61 y Av. de la Prensa, Quito, Ecuador. Teléfono: (+593) 02 3801460. e-mail: jorge. acosta@institutoespacial.gob.ec